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(54) CARBON FIBER REINFORCED RESIN MOLDED PRODUCT AND ITS MANUFACTURE

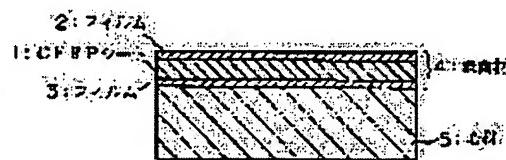
(57)Abstract:

PROBLEM TO BE SOLVED: To realize a product which does not impair smoothness of a surface and its decorative design even under atmosphere at high temperature by a method wherein a carbon fiber reinforced resin molded product having a skin material formed by laminating respectively a thermoplastic resin film on both sides of a carbon fiber reinforced heat curable resin sheet is formed.

SOLUTION: A skin material 4 is formed by laminating respectively thermoplastic resin films 2, 3 on both sides of a carbon fiber reinforced heat curable resin sheet 1, and a molded product is formed by injection molding a core material 5 consisting of thermoplastic resin on its rear face.

Herein, the carbon fiber to be used is that generally used by being manufactured from materials of pitch or the like.

Epoxy resin or the like is used as the heat curable resin being matrix of the resin sheet 1. For the thermoplastic resin forming the films 2, 3 the thermoplastic resin which is bonded to the sheet 1 in heat pressure as the skin layer film 2, has various features of hardness or the like necessary as the skin layer, and bonds firmly to the sheet 1 and the core material 5 as the rear layer film 3, is used.



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